

PATENT

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January 9, 2007      Jennifer Badley  
(Date)      Jennifer Badley

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Edward K.Y. Jung; Clarence T. Tegreene  
Application No. : 10/816,082  
TITLE : TRANSMISSION OF MOTE-ASSOCIATED INDEX DATA  
Confirmation No. : 9452  
Filed : March 31, 2004

Examiner : Huynh, Nam Trung  
Art Unit : 2617  
Docket No. : 0104-003-002-000000  
Customer No. : 44,765

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT SUBMITTED  
AFTER FIRST OFFICE ACTION

Sir:

01/12/2007 MBIZONES 00000031 10016082

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Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449 (substitute form). Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

Pursuant to 37 CFR 1.98(a)(2), copies of the foreign patent documents and non-patent literature are attached.

Applicants are supplying a copy of the International Search Report for cross-referenced application 10/877,109 (not the instant case.) Applicants note that the International Search Report has not been generated under U.S. law and therefore has little, if any, applicability to the instant case. However, the International Search Report is being cited to the examiner for the sake of completeness and courtesy.

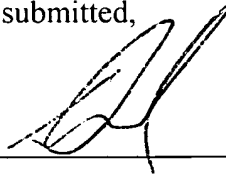
Applicants are supplying a copy of the International Search Report for cross-referenced application 10/813,967 (not the instant case.) Applicants note that the International Search Report has not been generated under U.S. law and therefore has little, if any, applicability to the instant case. However, the International Search Report is being cited to the examiner for the sake of completeness and courtesy.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

In accordance with Section 1.97(c), the required fee is being submitted. The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 502857. A duplicate copy of this sheet is enclosed.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,



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Dale Cook  
Attorney  
Registration No. 42,434

DRC:jmb

Enclosures:

- Postcard
- Check
- Post-Filing Transmittal
- Form PTO-1449 (substitute)
- 9 Cited References including  
Copies of the International Search Reports

Searete LLC  
1756 – 114<sup>th</sup> Ave. S.E., Suite 110  
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(425) 467-2351 Facsimile

<http://isf.intven.com/Shared Documents/Patents Filed-Active Drafts/Data Architecture-003/0104-003-002-Trans of Mote-Assoc Index Data/IDS-SIDS 5.doc>

Substitute for form 1449A/PTO

# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number 0104-003-002-000000

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Number Number-Kind Code <sup>2</sup> (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee
	AA	6,943,747 B2	09-13-2005	Kwon, Do-Hoon
	AB	6,296,205 B1	10-02-2001	Hanson et al.
	AC	5,697,066	09-12-1997	Acampora, Anthony
	AD	5,432,519	07-11-1995	Sezai, Toshihiro

## U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Publication Number Number-Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
	AE	2005/0275532 A1	12-15-2005	Ferri et al.
	AF	2005/0062653 A1	03-24-2005	Cetiner et a.
	AG	2004/0008140 A1	01-15-2004	Sengupta et al.
	AH	2003/0228857 A1	12-11-2003	Maeki, Akira
	AI	2003/0222818 A1	12-04-2003	Regnier et al.
	AJ	2002/0036595 A1	03-28-2002	Chiang et al.

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
	AK				

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AL	ADLER, ROBERT et al.; "Demo Abstract: Intel Mote 2: An Advanced Platform for Demanding Sensor Network Applications"; Intel Corporation; bearing dates of November 2-4, 2005; p. 298; (plus cover sheet)

OMB 0651-0031

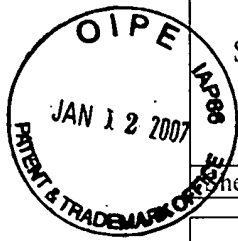
Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Substitute for form 1449A/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/816,082		
		Filing Date	March 31, 2004		
		First Named Inventor	Edward K.Y. Jung		
		Group Art Unit	2617		
		Examiner Name	Nam Trung Huyn		
Sheet	2	of	2	Attorney Docket Number	0104-003-002-000000

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AM	DUTTA, PRABAL K. et al.; "System Software Techniques for Low-Power Operation in Wireless Sensor Networks"; Computer Science Division, University of California, Berkeley; bearing a date of 2005; pp. 924 – 931; (plus cover sheet)
	AN	KRAUSE, ANDREAS et al.; "Near-optimal Sensor Placements: Maximizing Information while Minimizing Communication Cost"; bearing dates of April 19-21, 2006; pp. 2 – 10; (plus cover sheets)
	AO	LU, JIE et al.; "User Modeling for Full-Text Federated Search in Peer-to-Peer Networks"; Language Technologies Institute, Carnegie Mellon University; bearing dates of August 6 – 11, 2006; pp. 332 – 339; (plus cover sheet)
	AP	NACHMAN, LAMA et al.; "The Intel® Mote Platform: A Bluetooth*-Based Sensor Network for Industrial Monitoring"; Corporate Technology Group, Intel Corporation; bearing a date of 2005; pp.1 – 6; (plus cover sheet)
	AQ	PCT International Search Report; International App. No.: PCT/US05/11202; 27 September 2006
	AR	PCT International Search Report; International App. No.: PCTUS05/10054; 01 December 2006
	AS	RAZEEB, KAFIL M. et al.; "A Hybrid Network of Autonomous Sensor Nodes"; NMRC, University College Cork; bearing dates of November 8 – 10, 2004; pp. 69 – 70; (plus cover sheet)
	AT	SHARIFZADEH, MEHDI et al.; "Supporting Spatial Aggregation in Sensor Network Databases*"; Computer Science Department, University of Southern California; bearing dates of November 12 – 13, 2004; pp. 166 – 175; (plus cover sheet)

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Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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